Enclosed are:

PATENT APPLICATION ATTORNEY DOCKET NO. 10004331-1

IN THE U.S. PATENT AND TRADEMARK OFFICE Patent Application Transmittal Letter

COMMISSIONER FOR PATENTS Washington, D.C. 20231 ٩r.

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Transmitted her	rewith for filing under 37 CFR 1.53(b) is a(n): (X) Utility () Design
	(X) original patent application,
	() continuation-in-part application
INVENTOR(S):	-Ken A. Nishimura & Jonathan Simon
TITLE:	Method of optical mux-demux utilizing mode modulation via a PRBS sequence.

(X)	The Declaration and	Power of Attorney.	(X) signed	() unsign	ed or partially sigr	ned			
(X)	x) <u>4</u> sheets of drawings (one set) () Associate Power of Attorney								
()	() Form PTO-1449 (X) Information Disclosure Statement and Form PTO-1449								
()	Priority document(s)	()(Other)	(X) Information Disclosure Statement and Form PTO-1449 er)(fee \$) MS AS FILED BY OTHER THAN A SMALL ENTITY						
	CLAIMS AS FILED BY OTHER THAN A SMALL ENTITY								
	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) TOTALS				
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(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE		(5) TALS
TOTAL CLAIMS	36 — 20	16	X \$18	\$	288
INDEPENDENT CLAIMS	4 — 3	1	X \$84	\$	84
ANY MULTIPLE DEPENDENT CLAIMS	0		\$280	\$	0
BASIC FEE: Design (\$330.00); Utility (\$740.00) TOTAL FILING FEE					740
					1,112
	OTHER FEES	\$			
	POSIT ACCOUNT	\$	1,112		

Charge \$ 1,112 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-1078 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.26. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.26. CFR 1.16, 1.17,1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

"Express Mail" label no. EL584488782US

Date of Deposit 3/1/2002

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, Washington, D.C Commissioner 20231.

By Sherre Connis

Typed Name: Sherre Anne Treat

Respectfully submitted,

Ken A. Nishimura & Jonathan Simon

Michael H. Jester

Attorney/Agent for Applicant(s)

Reg. No. 28,022

Date: 3/1/2002

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